

#2 OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/851,871

DATE: 05/24/2001

TIME: 09:30:50

Input Set : A:\isph543sq.txt

Output Set: C:\CRF3\05242001\I851871.raw

ENTERED

3 <110> APPLICANT: Bennett, Clarence Frank
 4 Vickers, Timothy A.
 5 Karras, James G.
 7 <120> TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
 8 Modulation of the Expression of B7 Protein
 10 <130> FILE REFERENCE: ISPH-0543
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/851,871
 C--> 13 <141> CURRENT FILING DATE: 2001-05-09
 15 <150> PRIOR APPLICATION NUMBER: PCT/US00/14471
 16 <151> PRIOR FILING DATE: 2000-05-25
 18 <150> PRIOR APPLICATION NUMBER: 09/326,186
 19 <151> PRIOR FILING DATE: 1999-06-04
 21 <150> PRIOR APPLICATION NUMBER: 08/777,266
 22 <151> PRIOR FILING DATE: 1996-12-31
 24 <160> NUMBER OF SEQ ID NOS: 284
 26 <170> SOFTWARE: PatentIn Ver. 2.0
 28 <210> SEQ ID NO: 1
 29 <211> LENGTH: 32
 30 <212> TYPE: DNA
 31 <213> ORGANISM: Artificial Sequence
 33 <220> FEATURE:
 34 <223> OTHER INFORMATION: Synthetic
 36 <400> SEQUENCE: 1
 37 gatcagggtta ccaggagcct taggaggtac gg 32
 39 <210> SEQ ID NO: 2
 40 <211> LENGTH: 33
 41 <212> TYPE: DNA
 42 <213> ORGANISM: Artificial Sequence
 44 <220> FEATURE:
 45 <223> OTHER INFORMATION: Synthetic
 47 <400> SEQUENCE: 2
 48 gatagcctcg agttatttcc aggtcatgag cca 33
 50 <210> SEQ ID NO: 3
 51 <211> LENGTH: 20
 52 <212> TYPE: DNA
 53 <213> ORGANISM: Artificial Sequence
 55 <220> FEATURE:
 56 <223> OTHER INFORMATION: Synthetic
 58 <400> SEQUENCE: 3
 59 ttccagggtca tgagccatta 20
 61 <210> SEQ ID NO: 4
 62 <211> LENGTH: 21
 63 <212> TYPE: DNA
 64 <213> ORGANISM: Artificial Sequence
 66 <220> FEATURE:
 67 <223> OTHER INFORMATION: Synthetic
 70 <400> SEQUENCE: 4

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/851,871

DATE: 05/24/2001

TIME: 09:30:50

Input Set : A:\isph543sq.txt

Output Set: C:\CRF3\05242001\I851871.raw

| | |
|---|----|
| 71 cataaggtgt gctctgaagt g | 21 |
| 73 <210> SEQ ID NO: 5 | |
| 74 <211> LENGTH: 20 | |
| 75 <212> TYPE: DNA | |
| 76 <213> ORGANISM: Artificial Sequence | |
| 78 <220> FEATURE: | |
| 79 <223> OTHER INFORMATION: Synthetic | |
| 81 <400> SEQUENCE: 5 | |
| 82 ttactcatgg taatgtcttt | 20 |
| 84 <210> SEQ ID NO: 6 | |
| 85 <211> LENGTH: 20 | |
| 86 <212> TYPE: DNA | |
| 87 <213> ORGANISM: Artificial Sequence | |
| 89 <220> FEATURE: | |
| 90 <223> OTHER INFORMATION: Synthetic | |
| 92 <400> SEQUENCE: 6 | |
| 93 attaaaaaca tgtatcactt | 20 |
| 95 <210> SEQ ID NO: 7 | |
| 96 <211> LENGTH: 21 | |
| 97 <212> TYPE: DNA | |
| 98 <213> ORGANISM: Artificial Sequence | |
| 100 <220> FEATURE: | |
| 101 <223> OTHER INFORMATION: Synthetic | |
| 103 <400> SEQUENCE: 7 | |
| 104 ggaacacaga agcaaggtgg t | 21 |
| 106 <210> SEQ ID NO: 8 | |
| 107 <211> LENGTH: 20 | |
| 108 <212> TYPE: DNA | |
| 109 <213> ORGANISM: Artificial Sequence | |
| 111 <220> FEATURE: | |
| 112 <223> OTHER INFORMATION: Synthetic | |
| 114 <400> SEQUENCE: 8 | |
| 115 ccgtacctcc taaggctcct | 20 |
| 117 <210> SEQ ID NO: 9 | |
| 118 <211> LENGTH: 20 | |
| 119 <212> TYPE: DNA | |
| 120 <213> ORGANISM: Artificial Sequence | |
| 122 <220> FEATURE: | |
| 123 <223> OTHER INFORMATION: Synthetic | |
| 125 <400> SEQUENCE: 9 | |
| 126 cccatagtgc tgtcacaaat | 20 |
| 128 <210> SEQ ID NO: 10 | |
| 129 <211> LENGTH: 20 | |
| 130 <212> TYPE: DNA | |
| 132 <213> ORGANISM: Artificial Sequence | |
| 134 <220> FEATURE: | |
| 135 <223> OTHER INFORMATION: Synthetic | |
| 137 <400> SEQUENCE: 10 | |
| 138 gcacagcagc attccaagg | 20 |

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/851,871

DATE: 05/24/2001

TIME: 09:30:50

Input Set : A:\isph543sq.txt

Output Set: C:\CRF3\05242001\I851871.raw

```
140 <210> SEQ ID NO: 11
141 <211> LENGTH: 20
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Synthetic
148 <400> SEQUENCE: 11
149 ttgcaaattg gcatggcagg                20
151 <210> SEQ ID NO: 12
152 <211> LENGTH: 20
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Synthetic
159 <400> SEQUENCE: 12
160 tggatatgggc ttactcttt                20
162 <210> SEQ ID NO: 13
163 <211> LENGTH: 20
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Synthetic
170 <400> SEQUENCE: 13
171 aaaaggttgc ccaggaacgg                20
173 <210> SEQ ID NO: 14
174 <211> LENGTH: 20
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Synthetic
181 <400> SEQUENCE: 14
182 gggagtcctg gagccccctt                20
184 <210> SEQ ID NO: 15
185 <211> LENGTH: 20
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: Synthetic
192 <400> SEQUENCE: 15
194 ccattaagct gggcttggcc                20
196 <210> SEQ ID NO: 16
197 <211> LENGTH: 20
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Synthetic
204 <400> SEQUENCE: 16
205 tgcgagctcc ccgtacctcc                20
207 <210> SEQ ID NO: 17
```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/851,871

DATE: 05/24/2001

TIME: 09:30:50

Input Set : A:\isph543sq.txt

Output Set: C:\CRF3\05242001\I851871.raw

```

208 <211> LENGTH: 20
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Synthetic
215 <300> PUBLICATION INFORMATION:
216 <310> PATENT DOC NO: US 5514788
217 <311> PATENT FILING DATE: 1993-05-17
218 <312> PUBLICATION DATE: 1996-05-07
220 <400> SEQUENCE: 17
221 gcccaagctg gcatccgtca 20
223 <210> SEQ ID NO: 18
224 <211> LENGTH: 20
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: Synthetic
231 <400> SEQUENCE: 18
232 ggattgccaa gcccatggtg 20
234 <210> SEQ ID NO: 19
235 <211> LENGTH: 20
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Synthetic
242 <400> SEQUENCE: 19
243 ctaagtagtg ctagccggga 20
245 <210> SEQ ID NO: 20
246 <211> LENGTH: 38
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Synthetic
253 <400> SEQUENCE: 20
254 gatcagggta ccccaaagaa aaagtgattt gtcattgc 38
256 <210> SEQ ID NO: 21
257 <211> LENGTH: 35
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Synthetic
264 <400> SEQUENCE: 21
265 gatagcctcg aggataatga attggctgac aagac 35
267 <210> SEQ ID NO: 22
268 <211> LENGTH: 20
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: Synthetic

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/851,871

DATE: 05/24/2001

TIME: 09:30:50

Input Set : A:\isph543sq.txt

Output Set: C:\CRF3\05242001\I851871.raw

275 <400> SEQUENCE: 22
276 gggtaagact ccacttctga 20
278 <210> SEQ ID NO: 23
279 <211> LENGTH: 20
280 <212> TYPE: DNA
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Synthetic
286 <400> SEQUENCE: 23
287 gggctctccaa aggttggtgga 20
289 <210> SEQ ID NO: 24
290 <211> LENGTH: 20
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Synthetic
297 <400> SEQUENCE: 24
298 gttcctgggt ctccaaaggt 20
300 <210> SEQ ID NO: 25
301 <211> LENGTH: 20
302 <212> TYPE: DNA
303 <213> ORGANISM: Artificial Sequence
305 <220> FEATURE:
306 <223> OTHER INFORMATION: Synthetic
308 <400> SEQUENCE: 25
309 acacacagag attggagggt 20
311 <210> SEQ ID NO: 26
312 <211> LENGTH: 20
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
318 <223> OTHER INFORMATION: Synthetic
320 <400> SEQUENCE: 26
321 gctcacgtag aagaccctcc 20
323 <210> SEQ ID NO: 27
324 <211> LENGTH: 20
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Synthetic
331 <400> SEQUENCE: 27
332 ggcagggtg atgacaatcc 20
334 <210> SEQ ID NO: 28
335 <211> LENGTH: 20
336 <212> TYPE: DNA
337 <213> ORGANISM: Artificial Sequence
339 <220> FEATURE:
340 <223> OTHER INFORMATION: Synthetic
342 <400> SEQUENCE: 28

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/851,871

DATE: 05/24/2001

TIME: 09:30:51

Input Set : A:\isph543sq.txt

Output Set: C:\CRF3\05242001\I851871.raw

L:12 M:270 C: Current Application Number differs, Replaced Application Number
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date